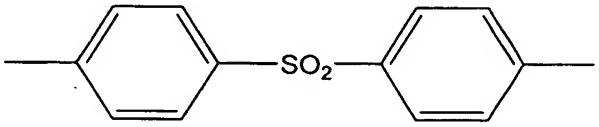
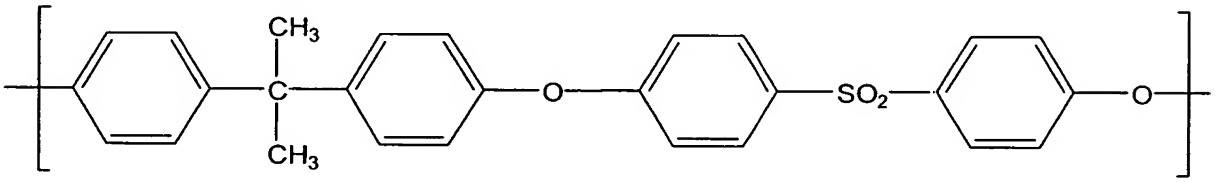
WHAT IS CLAIMED IS:

1. A process for producing an endless belt for electrophotography, the process comprising the step of melt-extruding a thermoplastic resin having a diphenyl sulfone structure represented by the following Formula (1) from a circular die to produce the endless belt continuously

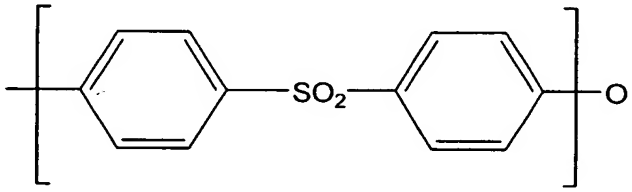


(1)

2. The process according to claim 1, wherein said thermoplastic resin having a diphenyl sulfone structure is a thermoplastic resin having a structural unit represented by the following Formula (2) or (3)



(2)



(3)

3. The process according to claim 1, wherein said endless belt has a thickness of from 40 μm to 300 μm.

4. The process according to claim 1, wherein said endless belt has a thickness not larger than 1/3 of the slit width of

the circular die used.

5. The process according to claim 1, wherein said endless belt has a thickness not larger than 1/5 of the slit width of the circular die used.

6. The process according to claim 1, wherein said endless belt has an external diameter of from 50% to 400% of the external diameter of the die slit of the circular die used.

7. The process according to claim 1, wherein said endless belt has an external diameter of from more than 100% to 400% or less of the external diameter of the die slit of the circular die used.

8. The process according to claim 1, wherein said endless belt has an external diameter of from 105% to 400% of the external diameter of the die slit of the circular die used.

9. The process according to claim 1, wherein said endless belt has a resistance of from 1×10^{0} Ω to 1×10^{14} Ω.

10. The process according to claim 1, wherein said endless belt has a maximum value of a surface-direction resistance that is not greater than 100 times a minimum value of said surface-direction resistance.

11. The process according to claim 1, wherein said endless belt has a maximum value of a thickness-direction resistance that is not greater than 100 times a minimum value of said thickness-direction resistance.

12. The process according to claim 1, wherein said endless belt is an intermediate transfer belt.

13. The process according to claim 1, wherein said endless belt is a transfer material carrying belt.

14. The process according to claim 1, wherein a gas is blown to the inside of a cylindrical film of the thermoplastic resin melt-extruded from the circular die, to make the endless belt have an external diameter larger than the external diameter of the die slit of the circular die.

15. The process according to claim 1, wherein an extrusion material to be melt-extruded, which contains the thermoplastic resin having a diphenyl sulfone structure, has a breaking extension of 2% or more.

16. The process according to claim 1, wherein an extrusion material to be melt-extruded, which contains the thermoplastic resin having a diphenyl sulfone structure, has a tensile breaking strength of 40 MPa or above.